

DE 3409372 English abstract

Biocompatible and absorbable biopolymer compsns. for implant treatment - contain collagen, fibrinogen, mercapto gp. modified polypeptide(s) or cellulose

Patent Assignee: RUHLAND NACHF GMBH DR (RUHL-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3409372	A	19850919	DE 3409372	A	19840314	198539 B

Priority Applications (No Type Date): DE 3409372 A 19840314

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 3409372	A	14		

Abstract (Basic): DE 3409372 A

Biocompatible materials based on adsorbable bipolymers for treatment of implant surfaces contain (i) - (a) collagen and/or fibrinogen or - (b) collagen and/or fibrinogen with one or more of gelatine, oxycellulose, SH-gp. modified fibrinogen, SH-gp. modified

gelatine, SH-gp. modified collagen and SH-gp. modified oxycellulose.

(2) a slow-release drug (3) allogenic and xerogenic bone transplant and

opt. (4) calcium phosphate and/or apatite. The materials are esp. useful for vessel and tracheal prostheses and may be in the form of a

sheath, closed tube, sponge, sheet or a soln. or suspension which may

be sprayed on to the implant surface. The delayed action drug may be

gentamycin, pa-rtic. gentamycin retarded with heparin or heparinoids

having little or no anticoagulant effect.

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Title Terms: BIOCOMPATIBLE; ABSORB; BIO; POLYMER; COMPOSITION; IMPLANT;

CONTAIN; COLLAGEN; FIBRINOGEN; MERCAPTO; GROUP; MODIFIED; POLYPEPTIDE;

CELLULOSE

Derwent Class: A96; B05; D22; P34

International Patent Class (Additional): A61K-037/12; A61L-027/00

File Segment: CPI; EngPI